# Task 1

Open ​​<https://www.facebook.com/>

Capture the below text and verify text contains the below text

Facebook helps you connect and share with the people in your life

Solution:

**public** **class** FBCaptureText {

**public** **static** **void** main(String[] args) {

// Create a new instance of the Chrome driver

WebDriver driver = **new** ChromeDriver();

// Navigate to the website

driver.get("https://www.facebook.com/");

driver.manage().window().maximize();

driver.manage().timeouts().~~implicitlyWait~~(10, TimeUnit.***SECONDS***);

// Get the Facebook text

String FBText = driver.findElement(By.*xpath*("//h2[contains(text(),'Connect with friends and the world around you on F')]")).getText();

**if** (FBText.contains("Connect with friends and the world around you on Facebook")) {

System.***out***.println("FB text is correct");

} **else** {

System.***out***.println("FB text is not correct");

}

}}

# Task2

Open ​​<https://www.facebook.com/>

Capture all link text available in the footer section and verify Create Page Link is present or not. If yes then click on it.

Solution:

**public** **class** FBCaptureLink {

**public** **static** **void** main(String[] args) {

// Create a new instance of the Chrome driver

WebDriver driver = **new** ChromeDriver();

// Navigate to the website

driver.get("https://www.facebook.com/");

driver.manage().window().maximize();

driver.manage().timeouts().~~implicitlyWait~~(10, TimeUnit.***SECONDS***);

// Get the Facebook link

List<WebElement> FBLink = driver.findElements(By.*xpath*("//a"));

HashMap<String, String> FBLinks = **new** HashMap<String, String>();

**for**(WebElement links : FBLink){

String text = links.getAttribute("text");

System.***out***.println(text);

}

// Verify that the 'Create a Page' link is present

WebElement CreatePage = driver.findElement(By.*xpath*("//a[normalize-space()='Create a Page']"));

**if** (CreatePage.isEnabled()) {

System.***out***.println("Create a Page is present");

CreatePage.click();

} **else** {

System.***out***.println("Create a Page is Not present");

}

}}

# 

# 

# Task 3

Note- Please use only xpath in this scenario

Open <https://www.facebook.com/>

Click on Create new account

Fill in all details and click on the Signup button

Solution:

**public** **static** **void** main(String[] args) **throws** InterruptedException {

// Create a new instance of the Chrome driver

WebDriver driver = **new** ChromeDriver();

// Navigate to the website

driver.get("https://www.facebook.com/");

driver.manage().window().maximize();

driver.manage().timeouts().~~implicitlyWait~~(10, TimeUnit.***SECONDS***);

// click on Create account button

driver.findElement(By.*xpath*("(//a[normalize-space()='Create new account'])[1]")).click();

Thread.*sleep*(3000);

// Enter First name

driver.findElement(By.*xpath*("(//input[@name='firstname'])")).sendKeys("John");

// Enter Last name

driver.findElement(By.*xpath*("(//input[@name='lastname'])")).sendKeys("David");

// Enter Email or Mobile

driver.findElement(By.*xpath*("(//input[@name='reg\_email\_\_'])")).sendKeys("123456789");

// Enter New password

driver.findElement(By.*xpath*("(//input[@name='reg\_passwd\_\_'])")).sendKeys("John@12345");

Thread.*sleep*(3000);

// Select Month

WebElement MonthDD = driver.findElement(By.*xpath*("//select[@id='month']"));

Select month = **new** Select(MonthDD);

month.selectByVisibleText("Jun");

// Select Date

WebElement DateDD = driver.findElement(By.*xpath*("//select[@id='day']"));

Select date = **new** Select(DateDD);

date.selectByVisibleText("10");

// Select Year

WebElement YearDD = driver.findElement(By.*xpath*("//select[@id='year']"));

Select year = **new** Select(YearDD);

year.selectByVisibleText("1987");

// Select Gender radio button

WebElement GenderRB = driver.findElement(By.*xpath*("//input[@type='radio' and @value='2']"));

GenderRB.click();

// Click on Sign up button

WebElement SignUpbtn = driver.findElement(By.*xpath*("//button[@type='submit' and @name='websubmit']"));

SignUpbtn.click();

}

}

# Task 4

Perform same steps which you did in task 3 but replace all xpath with css Selectors.

**public** **class** FBCreateAccountbyCSS {

**public** **static** **void** main(String[] args) **throws** InterruptedException {

// Create a new instance of the Chrome driver

WebDriver driver = **new** ChromeDriver();

// Navigate to the website

driver.get("https://www.facebook.com/");

driver.manage().window().maximize();

driver.manage().timeouts().~~implicitlyWait~~(10, TimeUnit.***SECONDS***);

// click on Create account button

driver.findElement(By.*xpath*("(//a[normalize-space()='Create new account'])")).click();

Thread.*sleep*(3000);

// Enter First name

driver.findElement(By.*cssSelector*("[name$='firstname']")).sendKeys("John");

// Enter Last name

driver.findElement(By.*cssSelector*("[name$='lastname']")).sendKeys("David");

// Enter Email or Mobile

driver.findElement(By.*cssSelector*("[name$='reg\_email\_\_']")).sendKeys("123456789");

// Enter New password

driver.findElement(By.*cssSelector*("[name$='reg\_passwd\_\_']")).sendKeys("John@12345");

Thread.*sleep*(3000);

// Select Month

WebElement MonthDD = driver.findElement(By.*cssSelector*("#month"));

Select month = **new** Select(MonthDD);

month.selectByVisibleText("Jun");

// Select Date

WebElement DateDD = driver.findElement(By.*cssSelector*("#day"));

Select date = **new** Select(DateDD);

date.selectByVisibleText("10");

// Select Year

WebElement YearDD = driver.findElement(By.*cssSelector*("#year"));

Select year = **new** Select(YearDD);

year.selectByVisibleText("1987");

// Select Gender radio button

WebElement GenderRB = driver.findElement(By.*cssSelector*("[type$='radio'][value='2']"));

GenderRB.click();

// Click on Sign up button

WebElement SignUpbtn = driver.findElement(By.*cssSelector*("[type$='submit'][name$='websubmit']"));

SignUpbtn.click();

}

}